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(54) Title: METHODS AND SYSTEMS FOR AUTOMATED DATA PROCESSING

(57) Abstract: Embodiments of the present invention are directed to methods and systems for processing and/or validating data using a graphical user interface of a computer system. Embodiments may include arranging a plurality of nodes in a graph, where each node represents at least one processing step for processing data by a processor and wherein at least one of the plurality of nodes comprise at least one data retrieval node for retrieving data for validation. The method may also include establishing at least one output from substantially all of the plurality of nodes, except for the at least one data retrieval node, establishing at least one input to each of the plurality of nodes, configuring one or more parameters of each node, and linking at least one output of each of substantially all of the plurality of nodes to an input of another node, where each link representing a data flow. The method may further include sequencing a dependency among the plurality of nodes and establishing processing logic in at least one node to process data in a predetermined manner.

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